

# Work Log

Date	Description	Issues/Future
May 31, 2022	<ul style="list-style-type: none"><li>• Meeting with Mr. Sukhu and Mr. Lee</li><li>• Discussed viability of the current proposal</li><li>• Brought up deployment/hosting options</li><li>• Going forward:<ul style="list-style-type: none"><li>◦ Consider timeline of development</li></ul></li></ul>	<ul style="list-style-type: none"><li>• Admin brought up security issues</li><li>• How will the school maintain the website after the core team has graduated</li><li>• Ensure posts follow school guidelines</li><li>• How to build confidence in the client to trust this app</li></ul>
Jun 2, 2022	<ul style="list-style-type: none"><li>• Started Hosting Provider recommendation paper</li><li>• Started on Project Proposal paper</li></ul>	
Jun 3, 2022	<ul style="list-style-type: none"><li>• Finished Project proposal paper</li><li>• Finished Hosting Provider recommendation paper</li></ul>	<ul style="list-style-type: none"><li>• Must go over which Database service we're going with (local or hosted)</li><li>• Go over security issues</li><li>• Follow up with Mr. Lee about other features that we might need to make the TDSB trust us</li></ul>
Jun 4, 2022	<ul style="list-style-type: none"><li>• Started API documentation and mapping out potential API endpoints for the server<ul style="list-style-type: none"><li>◦ Finished /clubs endpoint documentation</li></ul></li><li>• Finished web app architecture</li></ul>	<ul style="list-style-type: none"><li>• Continue discussing security issues</li><li>• Have to start on security paper for the admin to read over on how this web app will be secure.</li></ul>
Jun 5, 2022	<ul style="list-style-type: none"><li>• Finished POST - /club endpoint documentation</li><li>• Finished GET - /club endpoint documentation</li><li>• Finished models (kinda)</li></ul>	
Jun 6, 2022	<ul style="list-style-type: none"><li>• Finished the setting up the server</li><li>• Secured server with cors</li></ul>	<ul style="list-style-type: none"><li>• Next steps: Transfer all endpoints from the doc to code</li></ul>

	<ul style="list-style-type: none"> <li>and helmet</li> <li>Connected to mongodb</li> </ul>	
Jun 7, 2022	<ul style="list-style-type: none"> <li>Started on mock frontend with reactjs</li> <li>Integrated firebase with reactjs frontend</li> <li>Created models</li> <li>Started on endpoints</li> </ul>	<ul style="list-style-type: none"> <li>Next steps: Make sure firebase auth works</li> </ul>
Jun 8, 2022	<ul style="list-style-type: none"> <li>Continued working on front-end with firebase integration</li> </ul>	<ul style="list-style-type: none"> <li>Note: have to create auth provider and pass context for user state changes in react</li> </ul>
Jun 9, 2022	<ul style="list-style-type: none"> <li>Continued working on front-end with firebase integration (finally made it work with only tdsb domains and popup)</li> </ul>	<ul style="list-style-type: none"> <li>Next steps: Still have to pass auth context</li> </ul>
Jun 10, 2022	<ul style="list-style-type: none"> <li>Basic CRUD APIs are finished</li> </ul>	<ul style="list-style-type: none"> <li>Next steps: regulate the APIs</li> </ul>
Jun 11, 2022	<ul style="list-style-type: none"> <li>De-memoize auth context so now values properly refresh and components are updated</li> <li>Regulated APIs to use identification</li> </ul>	<ul style="list-style-type: none"> <li>Next steps: build out auth layers and routes</li> <li>Implement firebase tokens to use with APIs</li> <li>Next steps: build pages for interaction with the API</li> </ul>
Jun 12, 2022	<ul style="list-style-type: none"> <li>Auth context did not work properly, tried looking at stack overflow to figure out how to pass context</li> <li>Backend done with new models, User, Club, Post with CRUD operations for each of those</li> </ul>	<ul style="list-style-type: none"> <li>Next steps: Figure out how to pass context after getting the current user</li> <li>Next steps: Test backend thoroughly through postman and modify query params, body, logic etc. if needed</li> </ul>
Jun 13, 2022	<ul style="list-style-type: none"> <li>Finally, Auth context wrapper worked, wrapped around routes and now all components have access to the auth state</li> </ul>	<ul style="list-style-type: none"> <li>Next steps: Define a custom component to protect certain routes</li> </ul>
Jun 14, 2022	<ul style="list-style-type: none"> <li>Built out the homepage with querying all clubs through the endpoint</li> <li>Refactored get request for retrieving users</li> </ul>	<ul style="list-style-type: none"> <li>Next steps: Modify models in mongodb to include a user's list of favorite clubs and post objects that belong to each club</li> </ul>

Jun 15, 2022	<ul style="list-style-type: none"> <li>• Fix and refactor API endpoints</li> </ul>	
Jun 18, 2022	<ul style="list-style-type: none"> <li>• Refactor and add new endpoints to the Club API model, finished refactoring Club schema as well</li> </ul>	
Jun 20, 2022	<ul style="list-style-type: none"> <li>• Mock up of homepage with firebase auth and context refactored with a better UI</li> </ul>	<ul style="list-style-type: none"> <li>• Once the backend APIs are complete, begin connecting frontend and backend</li> </ul>
Jun 22, 2022	<ul style="list-style-type: none"> <li>• Users are able to like, unlike, favorite, &amp; unfavorite, &amp; follow clubs, posts, &amp; comments respectively</li> </ul>	<ul style="list-style-type: none"> <li>• Improve error handling</li> <li>• Implement middleware for schema validation</li> </ul>